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# Quest CCS project's MMV program: overview and 1st year review post start of injection

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## Abstract

In September 2012, Shell, on behalf of the Athabasca Oil Sands Project venture (Shell Canada Energy, Chevron Canada Limited, Marathon Oil Canada Corporation), announced that it was proceeding to construct the Quest Carbon Capture and Storage (CCS) project near Fort Saskatchewan, Alberta, Canada. Quest is the world's first CCS project linked to an oil sands bitumen upgrader. It is a fully integrated CCS project, involving $CO_2$ capture, transportation, storage in a deep saline aquifer (the Basal Cambrian Sands), and a measurement, monitoring and verification (MMV) program [1]. $CO_2$ injection commenced in August 2015, and full commercial operation was achieved in September 2015.

The two key objectives of the MMV program are to demonstrate containment and conformance of the injected $CO_2$.

The aim of this presentation is to provide a) an overview of the Quest CCS project's MMV program, and b) a 'first year' review of the MMV program post start of $CO_2$ injection.

## Acknowledgements

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### References

[1] http://www.energy.alberta.ca/CCS/3845.asp